

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventive application of:

Fabrice Geiger et al.

Serial No.: 09/701,065

Filed: February 12, 2001

For: METHODS FOR FORMING
SELF-PLANARIZED DIELECTRIC
LAYER FOR SHALLOW TRENCH ISOLATION

Examiner: Duda, Kathleen

Art Unit: 1756

Conf. No. 7160

Assistant Commissioner for Patents
Washington, D.C. 20231**RECEIVED**
APR 4 2003
TC 1700

SIR: Transmitted herewith is an Amendment for the above application.

Small entity status of this application under 37 C.F.R. §§ 1.9 and 1.27 has been established by a verified statement previously submitted.

A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 and 1.27 is enclosed.

☒ No additional fee is required.

The fee has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amd.		Highest No. Previously Paid For	Present Extra	Rate	Additional Fee	Rate	Additional Fee
Total Claims	* 23	Minus	** 27	0	x9	\$	x18	\$ 0
Indep. Claims	* 3	Minus	*** 5	0	x42	\$	x84	\$ 0
First Presentation of Multiple Dependent Claim(s)					+140	\$	+280	\$
					Total Add. Fee	\$	Total Add. Fee	\$ 0

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

_____ A check in the amount of \$ _____ is attached for presentation of additional claim(s).

_____ Applicant(s) hereby Petition(s) for an Extension of Time of _____ month(s) pursuant to 37 C.F.R. § 1.136(a).

_____ A check for \$ _____ is attached for processing fees under 37 C.F.R. § 1.17.

_____ Please charge my Deposit Account No. 02-2666 the amount of \$ _____.

_____ **A duplicate copy of this sheet is enclosed.**

X The Commissioner of Patents and Trademarks is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-2666 **(a duplicate copy of this sheet is enclosed)**:

X Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of extra claims.

X Any extension or petition fees under 37 C.F.R. § 1.17.

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Date: 03/26, 2003

Heather M. Molleur
Heather M. Molleur (Reg. No. 50,432)

Patent Counsel
Legal Affairs Dept.
APPLIED MATERIALS, INC.
P.O. Box 450A
Santa Clara, CA 95052

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Heather M. Molleur
(408) 720-8300

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on March 26, 2003.

Claire Wallters

Name of Person Mailing Correspondence

Claire Wallters
Signature

3/26/2003
Date



FEE TRANSMITTAL FOR FY 2003

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if known:

Application No. 09/701,065
 Filing Date February 12, 2001
 First Named Inventor Fabrice Geiger et al.
 Group Art Unit 1756 Confirmation No. 7160
 Examiner Name Duda, Kathleen
 Attorney Docket No. 2013 USA P/DSM/PMD/JW BSTZ Docket No.: 04887.P259

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name _____

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, and charge any deficiencies to Deposit Account Number 02-2666, and credit any over payments to Deposit Account Number 02-2666

- ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.131(b)

2. ☒ Payment Enclosed
☒ Check
☐ Money Order
☐ Other

3. ☐ Applicant claims small entity.
 See CFR 1.27

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FEE CALCULATION (fees effective 11/29/00)

1. FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1001	740	2001	370	Utility application filing fee	_____
1002	330	2002	165	Design application filing fee	_____
1003	510	2003	255	Plant filing fee	_____
1004	740	2004	370	Reissue filing fee	_____
1005	160	2005	80	Provisional application filing fee	_____
SUBTOTAL (1)				\$	<u>0</u>

2. CLAIMS

	Extra	Fee from below	Fee Paid
Total Claims <u>20</u>	- 20 = <u>0</u>	X <u>0</u>	= <u>0</u>
Independent Claims <u>3</u>	- 3 = <u>0</u>	X <u>0</u>	= <u>0</u>
Multiple Dependent Claims _____	_____	X _____	= _____

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1202	18	2202	9	Claims in excess of twenty	_____
1201	84	2201	42	Independent claims in excess of 3	_____
1203	280	2203	140	Multiple dependent claim	_____
1204	84	2204	42	Reissue independent claims over original patent	_____
1205	18	2205	9	Reissue claims in excess of 20 and over original patent	_____
SUBTOTAL (2)				\$	<u>0</u>

FEE CALCULATION (continued)
3. ADDITIONAL FEES

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	For filing a request for ex parte reexamination	
1251	110	2251	55	Extension for response within first month	
1252	400	2252	200	Extension for response within second month	
1253	920	2253	460	Extension for response within third month	
1254	1,440	2254	720	Extension for response within fourth month	
1255	1,960	2255	980	Extension for response within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,280	2453	640	Petition to revive - unintentional	
1501	1,280	2501	640	Utility issue fee (or reissue)	
1502	460	2502	230	Design issue fee	
1503	620	2503	310	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	740	2809	370	For filing a submission after final rejection	
1814	110	2814	55	Statutory Disclaimer	
1810	740	2810	370	For each additional invention to be examined	
1801	740	2801	370	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal publication	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,280	1454	1,280	Acceptance of unintentionally delayed claim for priority	
Other: _____					
Other: _____					

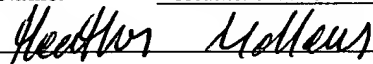
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ 180.00

SUBMITTED BY:

Typed or Printed Name: Heather M. Molleur

Signature



Date

03/26/03

Reg. Number

50,432

Customer No.

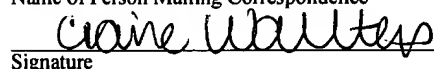
(complete if applicable)

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Claire Wallters

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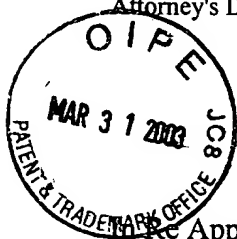
3/26/2003

Date

#111 103
#10/Amdt
A

Attorney's Docket No.: 2013 USA P/DSM/PMD/JW

Patent



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Fabrice Geiger et al.

U.S. Serial No: 09/701,065

Filed: February 12, 2001

For: Methods For Forming Self-Planarized
Dielectric Layer For Shallow Trench Isolation

Assistant Commissioner
for Patents
Washington, D.C. 20231

Examiner: Duda, Kathleen

Art Unit: 1756

Confirmation No.: 7160

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AMENDMENT AND RESPONSE

Dear Sir:

This is in response to the Office Action mailed December 26, 2002, Applicant respectfully requests the Examiner to enter the following amendments and consider the following remarks.

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on March 26, 2003

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